

FIG. 2

REPLACEMENT SHEET
Serial No.: 10/614-702
Tible: Printer With Radio Or Television Program Extraction
And Formatting
Inventors: Jonathan J. Hull, et al.
Altv. Docket No.: 20112-08440
Sheet 3 of 13

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300
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<RICOH - VIDEO - RECORDER - PRINTER - AFICIO - 6534VR.</p>
      <CHANNELS>
            <SCHEDULE - CHANNEL > 028</SCHEDULE - CHANNEL >
      </CHANNELS>
      <SCHEDULE UPDATE TIME>0200 GMT dailv
      <COMMAND - SYNTAX>
              <CHANGE - CHANNEL>#32</CHANGE - CHANNEL>
              <SCHEDULE - FORWARD>#45</SCHEDULE - FORWARD>
              <SCHEDULE - BACKWARD>#46</SCHEDULE - BACKWARD>
              <CHANNEL - FORWARD>#22</CHANNEL - FORWARD>
              <CHANNEL - BACKWARD >#23</CHANNEL - BACKWARD >
      </ COMMAND - SYNTAX>
      <LAYOUT - DESCRIPTION>
              <SCHEDULE - CHANNEL>
                   <DIMS><X>0</X><Y>0</Y><WIDE>640</WIDE><HI>480</HI></DIMS>
                   <DIMS><X>0</X><Y>0</Y><WIDE>640</WIDE><HI>480</HI></DIMS>
                   <REGIN N><X>320</X><Y>50</Y><WIDE>50</WIDE><HI>20</HI></REGIN N>
                   <END N><X>390</X><Y>50</Y><WIDE>50</WIDE><HI>20</HI></END N>
                  <NO N><X>500</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></NO N>
                  <ID N><X>540</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></ID N>
                  <PROG DESC><X>320</X><Y>100></Y><WIDE>280</WIDE><HI>80</HI></PROG DESC>
                  <TIME1><X>150</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME1>
                   <TIME?><X>280</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME?>
                  <TIME3><X>400</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME3>
                  <NO 1><X>60</X><Y>230</Y><WIDE>40</WIDE><HI>30</HI></NO 1>
                  <ID 1><X>0</X><Y>230</Y><WIDE>40</WIDE><HI>30</HI></ID 1>
                  <PROGS 1><X>0</X><Y>230<WIDE>350</WIDE><Hi>>30</Hi>
              </SCHEDULE CHANNEL>
      </LAYOUT - DESCRIPTION>
<RICOH - VIDEO - RECORDER - PRINTER - AFICIO - 6534VR</p>
```

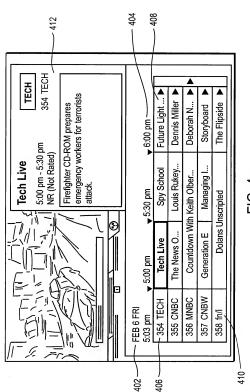
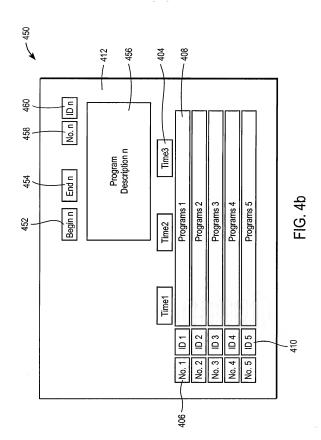


FIG. 4a



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					500
406 (410 (452 (454 (408 (502 (
Channel	ΙĎ	Begin Time	End Time	Title	Description
354	TECH	5:00 pm	5:30 pm	Tech Live	Firefighter CD
354	TECH	5:30 pm	6:00 pm	Spy School	
354	TECH	6:00 pm	7:00 pm	Future Light	
355	CNBC	5:00 pm	5:30 pm	The News	
355	CNBC	5:30 pm	6:00 pm	Louis Rukeyser	
355	CNBC	6:00 pm	7:00 pm	Dennis Miller	
356	MNBC	5:00 pm	6:00 pm	Countdown with Keith	
356	MNBC	6:00 pm	7:00 pm	Deborah Norville	
357	CNBW	5:00 pm	5:30 pm	Generation E	
357	CNBW	5:30 pm	6:00 pm	Managing I	
357	CNBW	6:00 pm	6:30 pm	Storyboard	
358	fn/l	5:00 pm	6:00 pm	Dolans Unscripted	
358	fn/I	6:00 pm	7:00 pm	The Flipside	

FIG. 5

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Update Schedule Command

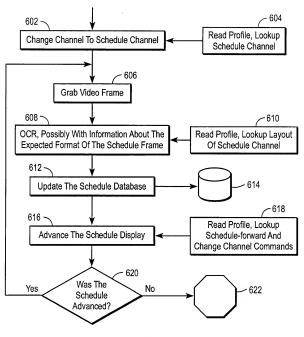


FIG. 6

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Update The Schedule Database Command

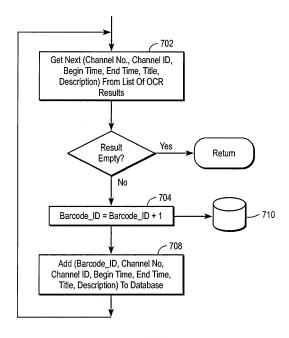


FIG. 7

REPLACEMENT SHEET
Setial No.: 10/814,702
Itile: Printer With Radio Or Television Program Extraction
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Attv. Docket No.: 20412-08440

Advance The Schedule Display Command

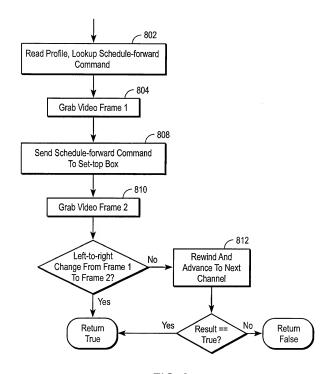


FIG. 8

Jonathan J. Hull, et al. t No.: 20412-08440

Rewind And Advance To The Next Channel Read Profile, Lookup Schedule-backward 902 And Channel-forward Commands Grab Video Frame 1 904 Send Schedule-backward Command To Set-top Box 908 Grab Video Frame 2 Right-to-left Yes Change From Frame 1 To Frame 2? No Send Channel-forward 910 Command To Set-top Box Grab Video Frame 3 - 912 Top-to-bottom No Yes Return Return Change From Frame 2

FIG. 9

To Frame 3?

True

False

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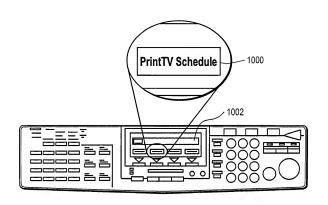
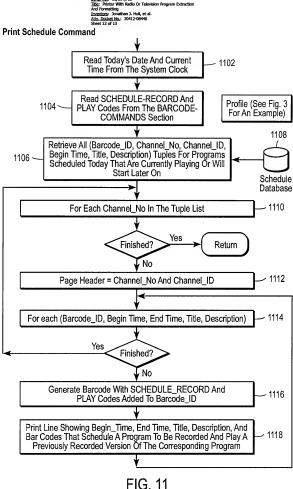


FIG. 10



REPLACEMENT SHEET
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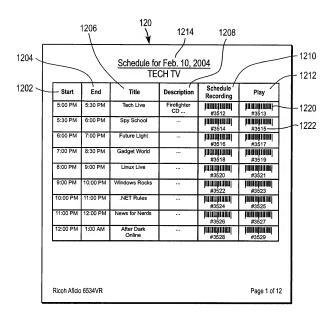


FIG. 12